

SECRET

Approved For Release 2006/02/27 : CIA-RDP79-00849A000700020007-8

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REFERENCES:

ATTACHMENT TO L-2706
16 FEBRUARY 1967
PAGE 1

BOMB SHELTERS
HA NOI AREA, NORTH VIETNAM
2101N 10551E

1. SIGNIFICANCE:

THIS BRIEFING BOARD PORTRAYS THE ESTABLISHMENT OF A
SYSTEM OF DEFENSE SHELTERS THROUGHOUT THE HA NOI AREA.

2. REMARKS:

THE INDIVIDUAL TYPE BOMB SHELTER DEPICTED ON THE
GRAPHIC APPEARS TO BE A VIETNAMESE INVENTION. THE USE OF
LOCALLY MANUFACTURED CONCRETE PIPE ALLOWS THE NORTH
VIETNAMESE TO CONSTRUCT HUNDREDS OF INEXPENSIVE INDI-
VIDUAL BOMB SHELTERS.

3. MISSION READOUT:

PHOTOGRAPHY FROM LOW ALTITUDE DRONE RECONNAISSANCE
MISSIONS OVER HA NOI¹ REVEALS A SYSTEM OF DEFENSE SHELTERS
BEING ESTABLISHED WITHIN THE CITY AND ITS ENVIRONS. THIS
DEFENSE NETWORK CONSISTS OF BOTH BUNKERED SHELTERS,
PROBABLY CONSISTING OF UNDERGROUND EXCAVATIONS WITH
EARTHEN MOUNDS ABOVEGROUND, AND INDIVIDUAL SHELTERS.
BOTH TYPES OF BOMB SHELTERS HAVE BEEN OBSERVED ALONG

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GROUP 1
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NGA Review Complete

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SHORT STREET SEGMENTS, IN PUBLIC PARKS, AND DISPERSED
THROUGHOUT BUILDING GROUNDS.

THE INDIVIDUAL SHELTER UNITS ARE MADE FROM PAIRED,
CIRCULAR CONCRETE PIPES. EACH SECTION IS APPROXIMATELY

THE LOWER
OR BASE SECTION, CONSTRUCTED WITH A SOLID CONCRETE
BOTTOM, IS PLACED IN THE GROUND. A TOP SECTION, OPEN
AT BOTH ENDS, IS THEN APPARENTLY CEMENTED TO THE BASE.
A SMALL NOTCH ON THE UPPER EDGE OF THE TOP SECTION
SERVES AS AN AIR VENT WHEN A CIRCULAR CONCRETE LID IS
PLACED OVER THE SHELTER. THE RESULTING SHELTER,
APPROXIMATELY FIVE FEET DEEP, CAN ADEQUATELY ACCOMMO-
DATE AN INDIVIDUAL IN A CROUCHED OR STOOPED POSITION.

COLLATERAL PHOTOGRAPHY² REVEALS A METHOD OF
PRODUCTION AND INSTALLATION OF THESE INDIVIDUAL SHELTERS.
THE CONCRETE PIPE FOR THE SHELTERS IS PROBABLY MANU-
FACTURED IN THE HA NOI AREA. ONE SMALL PLANT LOCATED
IN THE NORTHWEST SECTION OF HA NOI (NEAR A REPORTED
ENGINEERS BARRACKS AND WATERWORKS) IS OBSERVED WITH
SEVERAL HUNDRED CONCRETE SECTIONS IN STORAGE. SIMILAR

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CONCRETE PRODUCTS HAVE BEEN OBSERVED AT THE HA NOI
FERRO-CONCRETE PLANT (SEE NPIC BRIEFING BOARD K-9832).

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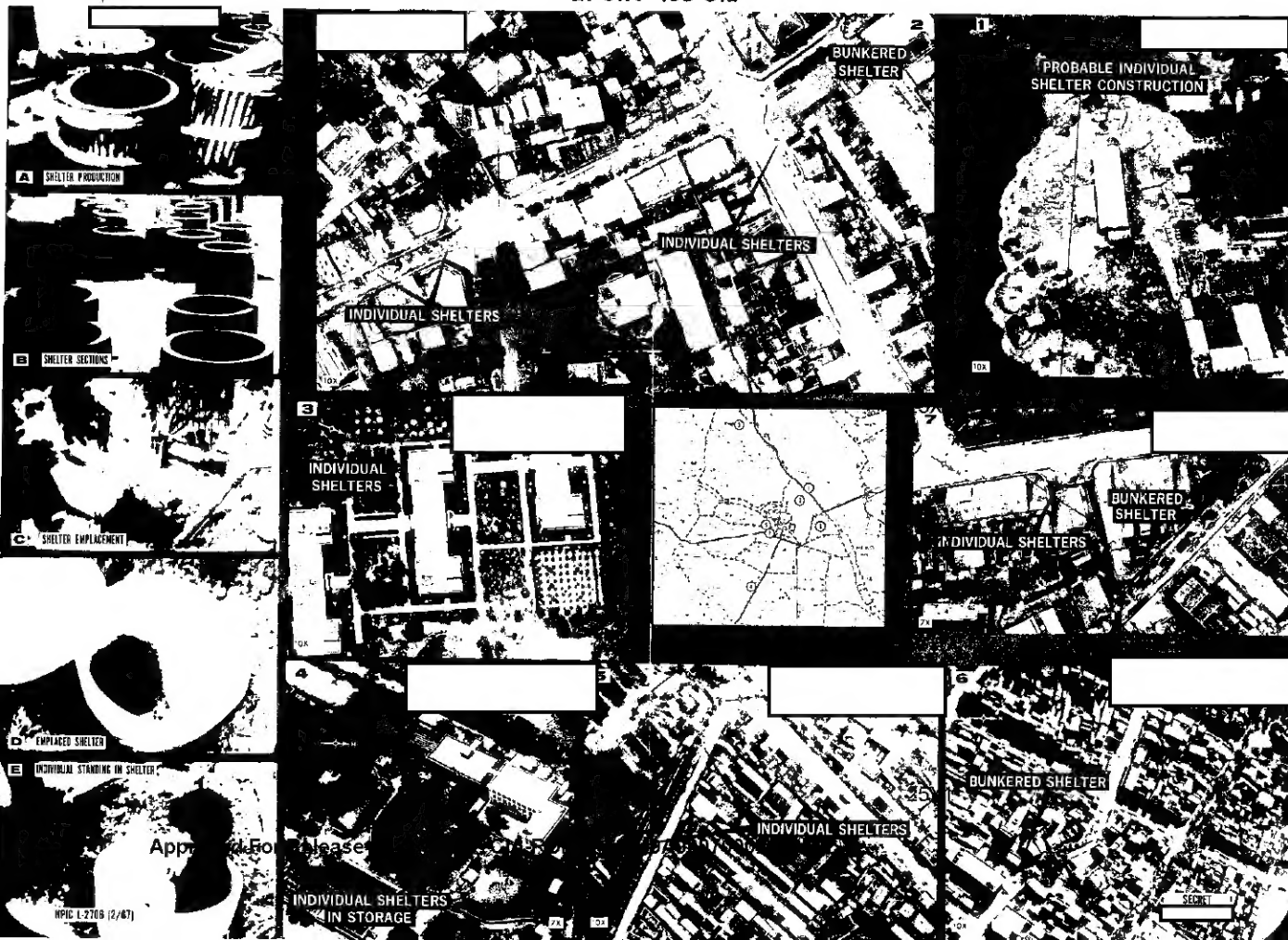
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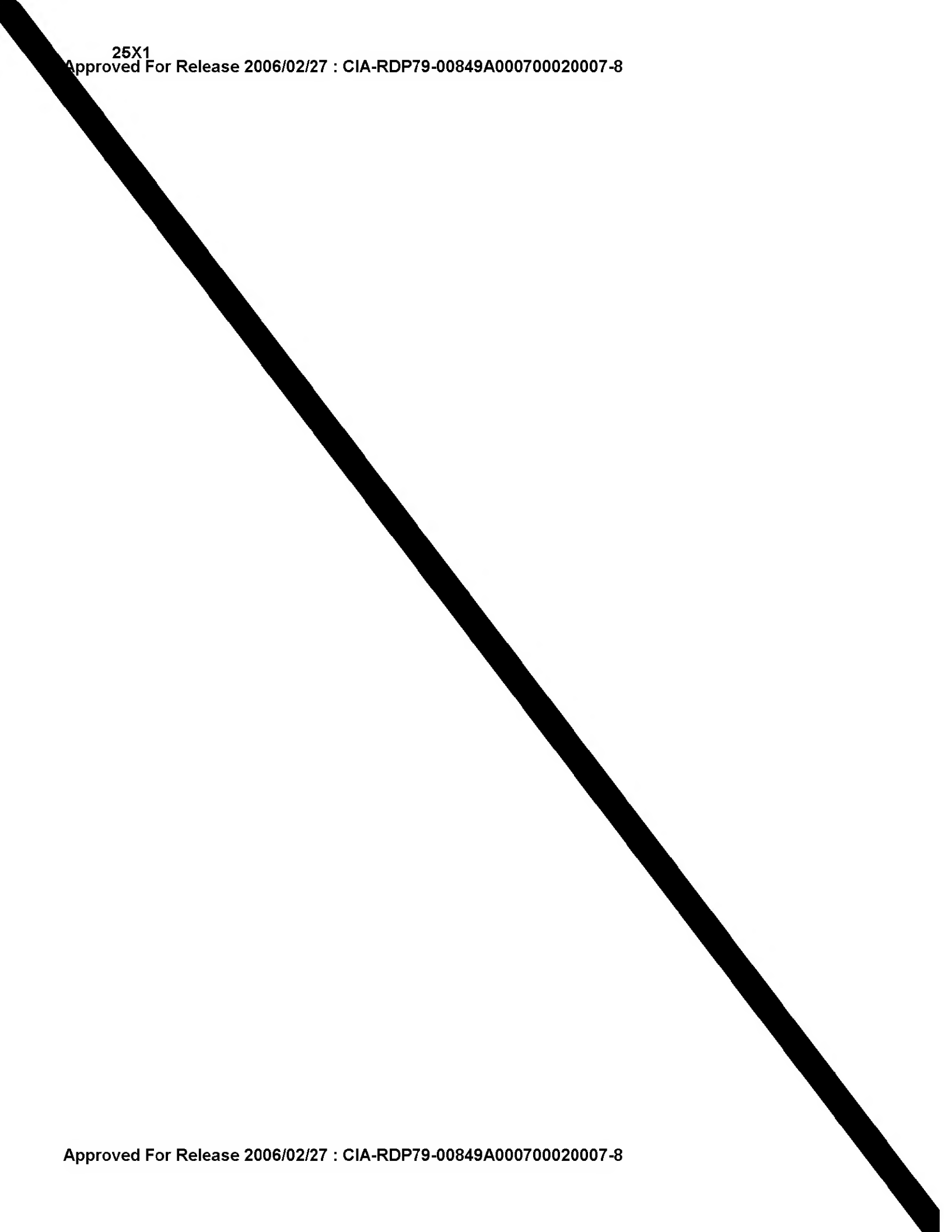
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21-01N 105-51E

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